

In the claims:

Claims 1-79 cancelled.

80. (new) A system for training a golf player, comprising a putter having a handle; a head; a serial number; interior sensing means incorporated in said putter and selected from the group consisting of interior acceleration measuring means, deceleration measuring means, putter path measuring means, rotation measuring means, lie angle measuring means, a loft angle measuring means, and combinations thereof for measuring swing data of a swing carried out by a golf player; interior means for transmitting the swing data of the swing carried out by the golf player measured by said measuring means and also transmitting the serial number with each swing data of the swing carried out by the golf player and incorporated in said putter; computing means for receiving and processing of the swing data of the swing carried out by the golf player and also the serial number to identify the swing data of the swing carried out by the golf player; and display means for displaying the swing data of the swing carried out by the golf player and also the serial number to identify the swing data of the swing carried out by the golf player so that a

golf player can analyze his performance and to correct the golf player's swing.

81. (new) A system as defined in claim 80, wherein said computing means is configured for processing the received swing data in comparison with data stored in the computing means.

82. (new) A method of training a golf player, comprising the steps of providing a putter having a handle, a serial number, a head, and interior sensing means incorporated in said putter and selected from the group consisting of acceleration measuring means, deceleration measuring means, putter path measuring means, rotation measuring means, lie angle measuring means, loft angle measuring means, and combinations thereof and incorporated in said putter; carrying out a swing by a golf player; measuring swing data of the swing carried out by the golf player by the interior measuring means; transmitting the swing data measured by interior transmitting means and also transmitting the serial number with each swing data to identify the swing data of the swing carried out by the golf player and incorporated in said putter; receiving the swing data of the swing carried out by the golf player with the serial number that identifies the swing data and processing the transmitted

swing data by computing means; and displaying the processed swing data of the swing carried out by the golf player together with the serial number that identifies the swing data on a display so that the golf player can analyze his performance and to correct the golf player's swing.

83. (new) A method as defined in claim 82, wherein said computing includes processing the received swing data in comparison with data stored in the computing means.

84. (new) A putter for training a golf player, comprising a handle; a head; a serial number; interior sensing means for sensing parameters selected from the group consisting of acceleration measuring means, deceleration measuring means, putter path measuring means, rotation measuring means, lie angle measuring means, loft angle measuring means, and combinations thereof for measuring swing data of a swing carried out by a golf player; and interior means for transmitting the swing data of the swing carried out by the golf player sensed by said sensing means and also transmitting the serial number with each swing data to identify the swing data of the swing carried out by the golf player for displaying the transmitted swing data of a swing carried out by a golf

player and the serial number to identify the swing data of the swing carried out by the golf player on the display.

85. (New) A method as defined in claim 82; and further comprising determining a ball speed and a ball travel distance; and using them for training a golf player.